

THE ARCHITECTURE AND IMPLEMENTATION OF A DYNAMIC RMI SERVER
CONFIGURATION HIERARCHY TO SUPPORT FEDERATED SEARCH
AND UPDATE ACROSS HETEROGENEOUS DATASTORES

ABSTRACT

5 An architecture and implementation of a dynamic RMI server configuration hierarchy to support federated search and update across heterogeneous datastores. The RMI server configuration hierarchy supports searching for data in one or more heterogeneous data sources within a computer system. A request for data is received at a federated data source. Then, a server is selected to process the request based on a load of the server and based on whether the server can satisfy the request for data.

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